

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications  
under 37 CFR 1.53(b))

Attorney Docket No. NS-5127-1D US

First Inventor Bulucea, Constantin

Title Gate-Enhanced Junction Varactor With Gradual  
Capacitance Variation

Express Mail Label No. EV 337 115 384 US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application  
contents.

## ADDRESS TO:

Mail Stop Patent Application  
Commissioner for Patents  
PO Box 1450  
Arlington, Virginia 22313-1450

1. ☒ Fee Transmittal Form (e.g. PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 87]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 USC 113) [Total Sheets 26]
5. ☒ Oath or Declaration [Total Pages 2]
  - a. ☐ Newly executed (original or copy)
  - b. ☒ Copy from a prior application (37 CFR 1.63d)  
(for continuation/divisional with Box 18 completed)
  - c. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the  
prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76
7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) ☐ Power of Attorney  
Statement (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure ☒ Copy of 23  
Statement (IDS)/ IDS Citations  
Substitute PTO 1449
13. ☒ Preliminary Amendment to Text
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority  
is claimed)
16. ☒ Nonpublication Request under 35 USC 122 (b)(2)(B)(i).  
Applicant must attach form PTO/SB/35 or its  
equivalent.
17. ☒ Other: Preliminary Amendment to Drawings,  
including 6 sheets of red-annotated drawings

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary  
amendment, or in an Application Data Sheet under 37 CFR 1.765:☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 10/054,653

Prior application information: Examiner Farahani, D. Group Art Unit: 2814

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is  
supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby  
incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted  
application parts.

## 19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code LabelOr ☒ Correspondence address below

Name Ronald J. Meetin

Address 210 Central Avenue

City Mountain View

State CA

Zip Code 94043-4869

Country U.S.A.

Telephone 650-964-9767

Fax 650-964-9779

Please type a plus sign (+) inside this box

⇒



20. Fee Calculations:

CLAIMS (Number Filed)	(1) FOR	(2)		(3) NUMBER EXTRA		(4) RATE		(5) CALCULATIONS
8	TOTAL CLAIMS (37 CFR 1.16(c))	-20	=	0	×	\$18.00	= \$	0.00
1	INDEPENDENT CLAIMS (37 CFR 1.16(b))	-3	=	0	×	\$86.00	= \$	0.00
<input type="checkbox"/>	MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d))				+	\$290.00	= \$	
	BASIC FEE (37 CFR 1.16(a))						= \$	770.00
	Total of above Calculations						= \$	770.00
	Reduction by 50% for filing by small entity (Note 37 CFR 1.9, 1.27, 1.28)						=	
	TOTAL						= \$	770.00

21. Fees: ☒ The Commissioner is hereby authorized to charge the following fees, and credit overpayments, to

Deposit Account No. 502641:

☒ Fees required under 37 CFR 1.16. (U.S. Application Filing Fees)

☒ Fees required under 37 CFR 1.17. (Conditional extension of Time Fees)

☐ Fees required under 37 CFR 1.18. (Patent Issue Fees)

☐ A check in the amount of \$ \_\_\_\_\_ is enclosed.

22. ☐ Other: \_\_\_\_\_

**NOTE:** The prior application's correspondence address will carry over to this UPA UNLESS a new correspondence address is provided below.

23. NEW CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label						<input type="checkbox"/> New correspondence address below					
NAME											
ADDRESS											
CITY				STATE				ZIP CODE			
COUNTRY				TELEPHONE				FAX			

24. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

<b>RONALD J. MEETIN</b> Attorney at Law 210 Central Avenue Mountain View, CA 94043-4869 Tel: 650-964-9767 Fax: 650-964-9779			
Date:	31 October 2003		
Name:	Ronald J. Meetin	Reg. No.:	29,089
Signature:	<i>Ronald J. Meetin</i>		
Express Mail Label No.	EV 337 115 384 US		

<b>NONPUBLICATION REQUEST UNDER 35 USC 122(b)(2)(B)(i)</b>	Inventor(s):	Bulucea, Constantin
	Title:	Gate-enhanced Junction Varactor with Gradual Capacitance Variation
	Atty. Docket No.:	NS-5127-1D US

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 USC 122(b).

Date: 31 October 2003 Ronald J. Meefin  
 Ronald J. Meefin  
 Attorney for Applicant(s)  
 Reg. No.: 29,089

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application upon filing.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 USC 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the U.S. Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 USC 122(b)(2)(B)(iii)).

This collection of information is required by 37 CFR 1.213(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**EXPRESS MAIL LABEL NO:**

**EV 337 115 384 US**